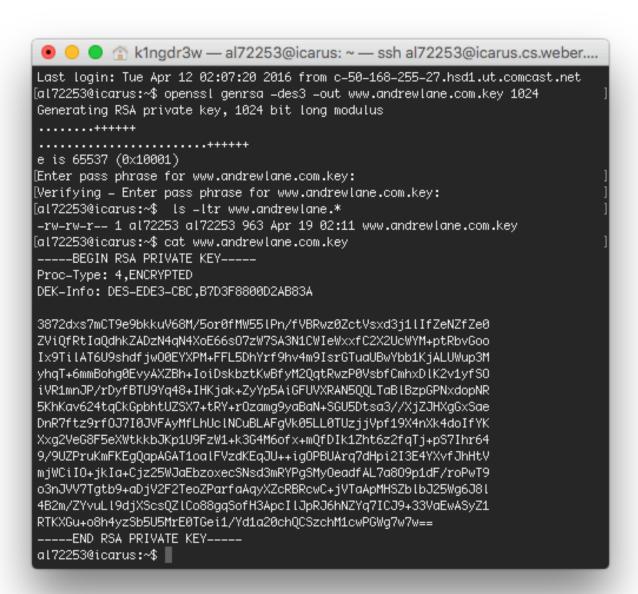
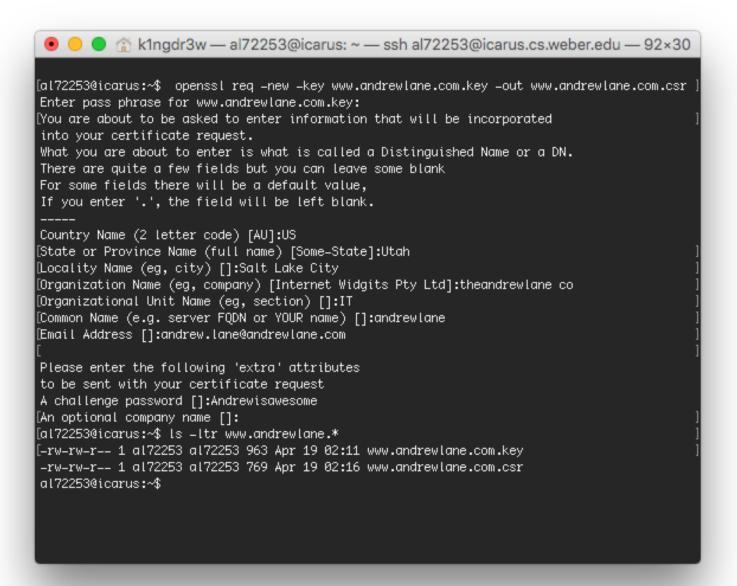
## Certificate Lab

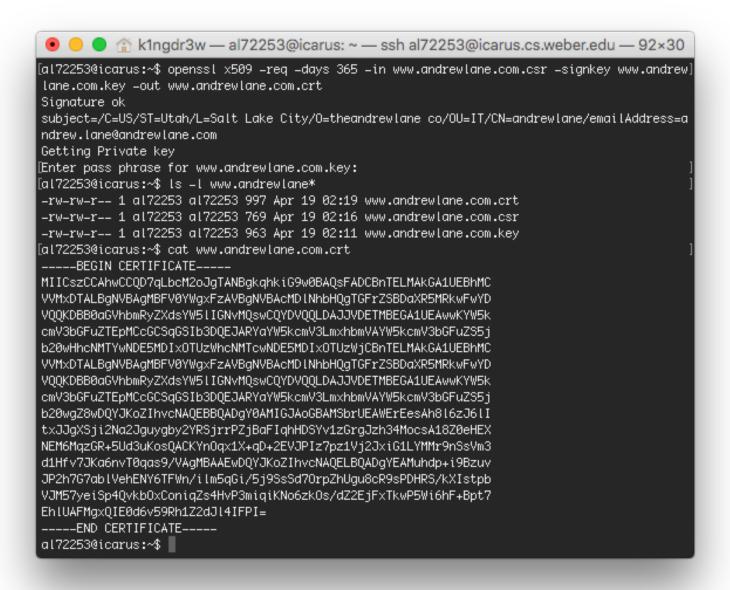
1. Here I am generating the initial key for <a href="www.andrewlane.com">www.andrewlane.com</a> via openssl on the Icarus Linux server.



2. Here I'm generating the certificate signing request, or CSR. This process requires that I use a key, and I will be using the RSA private key generated in the above step. The CSR contains information related to <a href="https://www.andrewlane.com">www.andrewlane.com</a>, not all parameters were used here because they were not all required.



3. Finally, in this step I'm generating the self-signed SSL certificate (CRT) via openssl. This certificate is valid for 365 days and requires both the CSR and key generated in the previous steps.



That's it! Now <a href="www.andrewlane.com">www.andrewlane.com</a> has an SSL certificate. It's worth noting however that navigating to this public site would bring up a warning in your browser. This certificate is not signed by a valid organization like Verisign or Thawte. However this cert could be used for testing against localhost.